

ABSTRACT OF THE DISCLOSURE

An imaging system comprising a plurality of first image capture devices. Overlapping rectilinear images are captured and halved, with the left halves being stitched and transformed into a first equirectangular image and the right halves being stitched and transformed into a second equirectangular image. The first equirectangular image, and second equirectangular image are displayed in a stereoscopic orientation to produce a stereoscopic equirectangular image. The imaging system may be utilized to capture a plurality of sequential images, to produce a full-motion stereoscopic equirectangular image.